



# RED-C Optical Networks

## Line of Business

Fiber Optics Sub-Systems  
for Optical Communications  
and Related Markets

## Established

2000

## Leading Executives

Mr. Yossi Boker  
CEO

Dr. Uri Ghera  
CTO

**R**ED-C Optical Networks, Ltd. is a leading global provider of fiber optic sub-systems for optical communications and related markets. Since 2002 the company's products have been widely deployed in communication networks around the world, establishing a reputation for reliability and technical excellence. Today RED-C's rapidly growing customer base includes numerous Tier 1 system vendors, and the company offers a broad range of fiber optic amplification sub-systems for all communication network segments and applications. In addition, RED-C develops innovative sensing, monitoring and transmission solutions for utilities and industry. Initially a separate business unit within Elop Electro-Optics Industries Ltd., since acquired by Elbit Systems Ltd. (NASDAQ: ELBT), RED-C was incorporated in 2000 as a separate company, and today is privately owned. The company now has over 120 employees, including more than 40 engineers and scientists.



power booster EDFAs, remote optically pumped amplifiers (ROPA), and ultra-high reliability (low FIT) amplifiers for submarine applications.

- **Low Latency Product Suite** – A custom designed suite of Raman amplifiers and EDFAs for applications where the link latency is of crucial importance, such as in the financial sector.
- **Transmission, Sensing and Monitoring for Utilities and Industry** - RED-C is developing a range of sensing and monitoring solutions based on fiber optics technologies, as well as dedicated and application-specific fiber optic systems for transmitting control and monitoring data to and from remote locations and installations.

## Research and Development

RED-C invests heavily in R&D to maintain its technological leadership in the market, often within the framework of publically funded project with the



## Product Lines

- **Erbium Doped Fiber Amplifiers (EDFAs)** – RED-C offers a broad range of EDFA modules, from micro WDM fixed gain and 100/40 Gb/s single channel modules, through single stage variable gain modules with the industry's smallest form factor, to high end dual stage variable gain EDFAs for ROADM applications.
- **Raman and Hybrid Raman-EDFA Amplifiers** – Intelligent Raman amplifiers including patented laser safety technology and advanced control and monitoring features for installation and operation. RED-C is currently developing the next generation of Raman and Hybrid Raman-EDFA amplifiers for coherent systems.
- **UltraSpan Product Line** – Developed to enable ultra-long repeaterless fiber optic links of 400 km and beyond, this product line includes co- and counter-propagating Raman amplifiers, high

Israel ministry of trade, bi-national projects (US-Israel BIRD foundation, Korea-Israel KORIL foundation, French-Israel FIRAD foundation), and EU multinational projects. Currently the company is looking to leverage its experience in fiber optic technology to expand outside its core telecom business. Areas being investigated include fiber optic sensing, fiber lasers for industrial applications, microwave photonics, and more. RED-C welcomes inquiries from potential partners regarding collaborative R&D and business development.

## Certifications

NEBS, TUV, CE, and Telecordia  
ISO 9000:2001

## Seeking

Customers and partnerships



## Contact

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